BRUHATH BANGALORE MAHANAGARA PALIKE

BILL OF QUANTITIES (BOQ)

Name of work:Improvements to RCC Drains and RCC Culverts at Right Side Roads of 1st Main Road Kuvempu Nagara, and Surrounding area in Ward No.05

Sl. No.	Approved Quantity	Description	Unit	Issued to	
				Technical Manager, KRIDL	
				In Figures	In Words
1	1020.68	KSRRB 300-3. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3.	Cum	207.60	Rupees Two Hundred Seven And Paise Sixty Only
2	244.22	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	5509.33	Rupees Five Thousand Five Hundred Nine And Paise Thirty Three Only
3	255.87	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm	Cum	7189.42	Rupees Seven Thousand One Hundred Eighty Nine And Paise Forty Two Only
4	17.10	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification No. KBS 4.6.3	Tonne	72326.98	Rupees Seventy Two Thousand Three Hundred Twenty Six And Paise Ninety Eight Only

EXECUTIVE ENGINEER-4
KRIDL BBMP DIVISION
BENGALURU-560 010

21/03
Executive Engineer
Byatarayanapura Division
BBMP, Bangalore-92
21/03

Signature of the Contractor

Executive Engineer

o.	Approved Quantity	Description	Unit	Issued to	
				Technical Manager, KRIDL	
				In Figures	In Words
5	576.00	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges,curing and concrtee finished surface on both sides etc,and complete as per the directions of Enginner in charges.(Data Rate)	Sqm	2337.00	Rupees Two Thousand Three Hundred Thirty Seven Only
6	41.94	Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC@340kgs,with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum,with superplasticizer@3lts confirming to 189103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour,HOM curing,form works,scaffolding and centering complete as per specifications and pointing for ljoints 1:3 cement mortar including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per the directions of Engineer in-Charge. (Data Rate)	Sqm	5418.00	Rupees Five Thousand Four Hundred Eighteen Only
7	874.80	KSRRB 300-49. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3	Sqm	95.40	Rupees Ninety Five And Paise Forty Only
8	874.80	KSRRB 300-Compaction KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3 (Page No-147 Item no - 19.64 of KPWD SR 2018-19)	Sqm	6.36	Rupees Six And Paise Thirty Six Only
9	131.22	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per specifications. MORTH Specification No. 406	Cum	2001.28	Rupees Two Thousand One And Paise Twenty Eight Only

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21/03

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No.	Approved Quantity	Description	Unit	Issued to	
				Technical Manager, KRIDL	
				In Figures	In Words
10	131.22	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)	Cum	5354.02	Rupees Five Thousand Three Hundred Fifty Four And Paise Two Only
11	877.92	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.	Sqm	72.08	Rupees Seventy Two And Paise Eight Only

1. The Work Should be executed as per the specification and standard specified by the PWD & Other Specifications of the Bangalore Mahanagara Palike and as directed.
2. The Work Should be carried out as per the directions and instructions of the concerned Engineer.
3. The Contractor Should Maintain the Quantity of Work as per the Standard Specification.

21/03

Executive Engineer (Byatarayanapura)
Bruhath Bangalore Mahanagara Palike

21/03

I am prepared to take up the above work at the rates quoted by me in the Schedule-B

EXECUTIVE ENGINEER-4
KRIDL BBMP DIVISION
BENGALURU-560 010

Contractor